

Experience

Software Engineering Intern Ravelin Sep 2017 - Dec 2017

- Worked as a full-stack engineer primarily working on our client facing dashboard built with AngularJS, TypeScript and Go micro-services
- Wrote extensive unit + integration tests for both back-end and front-end components
- Independently implemented new features and bug fixes as required by JIRA tickets

Engineering Co-op Student Andritz Ltd Aug 2016 - Dec 2016

- Using SAP API and VBA created a suite of Excel tools for Project Managers that saved them 10 hours every week
- Developed Python database app with SQLite to reduce time searching for SAP materials by 50%

Data Analyst Intern Canadian Logistics Dec 2015 - Sep 2016

- Replaced manual processes with Python to efficiently consolidate all daily incoming data, saving 2 hours per day
- Improved hiring practices by analyzing compiled data to demonstrate the low retention rates associated with hiring through labor agencies
- Utilized Excel pivot tables to summarize, categorize, and present data allowing the owner to make informed decisions about company operations

Education

Vancouver, BC University of British Columbia Sep 2013 - May 2019

- Bachelor of Applied Science in GPA: 3.6/4.3

Projects

- **RoboRooney** ([Github](#)) *Go, Slack, Heroku*,
Slack-bot to quickly scan all available openings at football pitches using the MyLocalPitch API and help arrange scrimmages through Slack
- **JobBot** ([Github](#)) *Python, Selenium, XPath, NLP*,
Robot that can automatically search and apply to jobs on Angel and Indeed with a custom cover letters based on a template and provided keywords. This bot helped me get my job at Ravelin!
- **Blob Combat Simulation** ([Github](#)) *C++, SFML, QtCreator, Eigen*,
Developed a simulation where 'blobs' evolve to fight using neural networks and different genetic selection algorithms
- **Improved UBC Transcript** ([Github](#)) *Python, Flask, TypeScript*,
Bookmarklet that enhances and beautifies the UBC unofficial transcript which gets about 450 hits per month and has been very well recieved by UBC community on Reddit.